DIGITAL AUDIO ANALYSER

A powerful tool for digital audio transmission lines

The Digital Audio Analyser receives and decodes digital audio data according to the AES/EBU, IEC 958, S/PDIF and EIAJCP-340 interface standards.

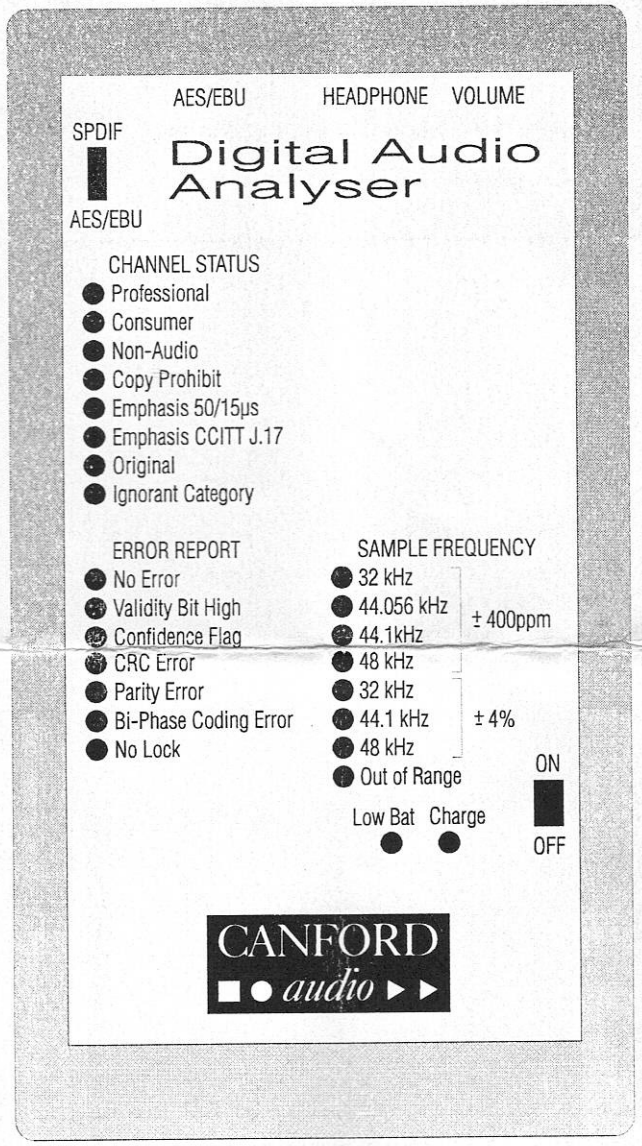
Switchable 75/110 Ohm digital input connectors of the Analyser accept digital data sampled between 25 kHz and 55 kHz.

25 easy observable Led indicators simultaneously display channel status information, classified sampling frequencies, errors and power supply status.
Significant short duration errors produce an audible pulse on the analog outputs for additional signal evaluation.

High quality 18bit D/A conversion, a fully adjustable volume control and very low impedance analog output stages, allow stereo signal monitoring through headphones or even sensitive loudspeakers.

The Analyser is powered by standard batteries or rechargeable batteries. Led indicators show end of battery life and charging status.
Connecting an AC adaptor to the device, rechargeable batteries are automatically charged without Analyzer operation interrupts.

Compact, light weight and equipped with standard connectors the Analyser is your reliable source of information about digital audio signals their quality and errors.



SPECIFICATIONS

Digital Inputs

AES/EBU balanced 110 Ohm XLRF
S/PDIF unbalanced 75 Ohm RCA phono jack

Analog Outputs

1/4" phone jack
Regulated output 3.8Vpp 250mW/channel, 8 Ohm load
THD + N <0.3%

Reports

Channel Status
Professional
Consumer
Non Audio
Copy Prohibit
Emphasis 50/15µsec
Emphasis CCITT J.17
Original
Ignorant Category

Error Report
No Error
Validity Bit High
Confidence Flag
CRC Error
Parity Error
Bi-Phase Coding Error
No Lock

Sample Frequency

32		± 400ppm
44.1		
48		
44.056	kHz	
32		± 4%
44.1		
48		

Out of Range

Power Supply Indicators
Low Battery
Charge Status

Power Supply

Continuous operation time >4hr (Alkaline)
Batteries: 2 x 1.5V AA Size Alkaline battery
or 2 x 1.2V NiCd 750mAh rechargeable
or 2 x 1.2V NiMH 1100mAh rechargeable
External AC/DC Adaptor 6..9V DC/400mA
Charging time: 4..6 hrs.

Dimensions / Weight

152 x 83 x 33 mm 260gr.

Specifications subject to change without notice.